



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

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On

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/143,343 08/28/98 BOYS

M P644

024739 WM02/1205
CENTRAL COAST PATENT AGENCY
PO BOX 187
AROMAS CA 95004

EXAMINER

TRAN, T

ART UNIT	PAPER NUMBER
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2615 *2*

DATE MAILED:

12/05/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No. 09/143,343	Applicant(s) Boys
Examiner Thai Tran	Group Art Unit 2615



Responsive to communication(s) filed on _____

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

Claim(s) 1-16 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

Claim(s) _____ is/are allowed.

Claim(s) 1-16 is/are rejected.

Claim(s) _____ is/are objected to.

Claims _____ are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been

received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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DETAILED ACTION

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Moe ('430).

Moe discloses an add-on recorder for a radio apparatus (Fig. 7) having tuning circuitry (74 and 75 of Fig. 7) for selecting a channel from an input rf spectrum; an output (AUDIO OUT TO SPEAKERS of Fig. 7) for driving a speaker system with an audio presentation derived from the selected channel; a recording apparatus having a memory (80 of Fig. 7) with capacity for recording a fixed time duration T of the audio presentation, and adapted to make an audio record sequentially in a circular fashion, such that when the memory capacity is filled, the device continues to record, overwriting the oldest recorded information, providing thereby, at any point in time, a stored copy of time duration T immediately preceding the point in time as recited in

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claim 1; an input (73 and 74 of Fig. 7) for receiving an analog audio signal stream from a radio as recited in claim 5; having tuning circuitry (column 4, lines 35-59) for selecting a channel from an input video spectrum; an output (column 4, lines 35-59 and 51-1 and 52-1 of Fig. 4) for driving a television display with a video presentation derived from the selected channel; a recording apparatus having a memory (13 of Fig. 2 and column 4, lines 35-59) with capacity for recording a fixed time duration T of the video presentation, and adapted to make a video record sequentially in a circular fashion, such that when the memory capacity is filled, the apparatus continues to record, overwriting the oldest recorded information, providing thereby, at any point in time, a stored copy of time duration T immediately preceding the point in time as recited in claim 9; an input (column 4, lines 35-59) for receiving a video data stream as recited in claim 13; wherein the recording apparatus comprises a tape recorder adapted to record in a circular fashion (column 3, lines 55-66) as recited in claims 2, 6, 10 and 14; an A/D converter, wherein the memory is a digital memory managed to record sequentially in a circular fashion, and the received analog audio/video signal stream is sent to the speaker system/television display via the output and simultaneously digitized and recorded in the digital memory (column 3, lines 55-66 and column 7, lines 35-54) as recited in claims 3, 7, 11 and 15; and further comprising user-operable inputs (column 4, lines 35-59) for interrupting circular recording, selecting beginning positions for playback, and playing back the recorded data as recited in claims 4, 8, 12 and 16.

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Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The cited references relate to an apparatus for recording audio/video signal.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thai Tran whose telephone number is (703) 305-4725.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to:

(703) 308-6306 or (703) 308-6296, (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).



THAI TRAN
PRIMARY EXAMINER

TTQ

November 29, 2000